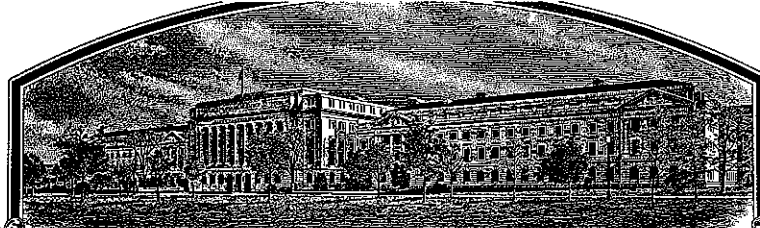


No.

200700165



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Enza Zaden Beheer B.V.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE HERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR SELLING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

LETTUCE

'Lettony'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this seventh day of February, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

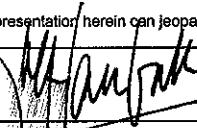
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER ENZA ZADEN BEHEER B.V.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME E15.0145		3. VARIETY NAME LETTY	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) PO BOX 7, 1600 AA ENKHUIZEN HALING 1E, 1602 DB ENKHUIZEN THE NETHERLANDS		5. TELEPHONE (include area code) +31.228.315.844		FOR OFFICIAL USE ONLY PVPO NUMBER #200700165 FILING DATE FEBRUARY 27, 2007	
		6. FAX (include area code) +31.228.315.854			
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) CORPORATION		8. IF INCORPORATED, GIVE STATE OF INCORPORATION NOORD-HOLLAND		9. DATE OF INCORPORATION 1938	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) ENZA ZADEN RESEARCH USA, INC ATTN: AERNAUDT AARDSE, MONIA SKRSYNIARZ PO BOX 866 SAN JUAN BAUTISTA, CA 95045				F E E S R E C E I V E D FILING AND EXAMINATION FEES: \$ 4,382.00 DATE 2/27/07 CERTIFICATION FEE: \$ 768 DATE 1/28/08	
11. TELEPHONE (include area code) 831-623-4644		12. FAX (include area code) 831-623-1746		13. E-MAIL	
14. CROP KIND (Common Name) LETTUCE		16. FAMILY NAME (Botanical) COMPOSITAE		18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (OPTIONAL) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERCIALIZATION.	
15. GENUS AND SPECIES NAME OF CROP LACTUCA SATIVA L.		17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act) <input type="checkbox"/> YES (If "yes", answer items 21 and 22 below) <input checked="" type="checkbox"/> NO (If "no", go to item 23)	
19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Exhibit F. Declaration Regarding Deposit g. <input checked="" type="checkbox"/> Voucher Sample (3,000 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$4,382), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)				21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED	
23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)				22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED (If additional explanation is necessary, please use the space indicated on the reverse.)	
24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)					
25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF OWNER 			SIGNATURE OF OWNER		
NAME (Please print or type) J. J. M. CARABANC			NAME (Please print or type)		
CAPACITY OR TITLE DIRECTOR R&D		DATE 02/26/2007		CAPACITY OR TITLE DATE	

(See reverse for instructions and information collection burden statement)

GENERAL INSTRUCTIONS: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable (*in the sense that it will reproduce an entire plant*) tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for \$4,382 (\$518 filing fee and \$3,864 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice). **NEW:** With the application for a seed reproduced variety or by **direct deposit soon after filing**, the applicant must provide at least 3,000 viable untreated seeds of the variety *per se*, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to **reproduce** the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of \$768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

Plant Variety Protection Office
Telephone: (301) 504-5518 **FAX:** (301) 504-5291
General E-mail: PVPOmail@usda.gov
Homepage: <http://www.ams.usda.gov/science/pvpo/PVPindex.htm>

#200700165

SPECIFIC INSTRUCTIONS:

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and **provide evidence** that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, **Seed Regulatory and Testing Branch**, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. <http://www.ams.usda.gov/lsg/seed.htm>.

ITEM

- 19a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
(1) identify these varieties and state all differences objectively;
(2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
20. If "Yes" is specified (*seed of this variety be sold by variety name only, as a class of certified seed*), the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)

23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

SEE ADDENDUM

24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

SEE ADDENDUM

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Addendum
Form Application for Plant Variety Protection Certificate
Lettuce: Lettony

Ad Paragraph 23: Dates of first sale & countries of lettuce variety Lettony

France	December, 2005
Australia	December, 2005
Sweden	March, 2006
Germany	March, 2006
Italy	September, 2006
United Kingdom	November, 2006
USA	March 3, 2006

Ad Paragraph 24: Registration & IPR info of lettuce variety Lettony and components

Lettony (Enza Zaden)	: EU B list	appl. #15639, 30 September 2004
	: US Patent	#6,903,249, June 7 2005
Two Star (Orsetti Seed Co.)	: US PVP	#9200270, April 30 1993
Lucress (Vilmorin)	: Euro A list	appl.#1999/0002, 24 December 1998
		reg.#05663, 20 December 1999
Vanity (Enza Zaden)	: EU B list	appl.#7005, 12 November 1990
		reg.#26884, 4 February 1992
Orly (Enza Zaden)	: EU B list	appl.#9710, 22 November 1995
		reg.#26699, 18 October 1996
Igoma (Enza Zaden)	: EU B list	appl.#13468, 1 October 2001
		reg.#26544, 25 March 2004
	: EU A list	appl.#2002/0672, 2 May 2002
		reg.#15169, 18 April 2005

Exhibit A – Origin and Breeding History

Lettuce variety: LETTONY

Origin

The objective of this cross was to develop a green leaf variety for baby leaf resistant to *Bremia lactucae* races Bl: 1-25.

LETTYONY is derived from a cross made in August 2001 between the green leaf 'Two-Star', and a Batavia line F32440.

The batavia line F32440 is derived from successive backcrosses of a sister line of the Iceberg variety 'Igoma' by the Iceberg 'Orly', the Batavia 'Vanity' and the Batavia 'Luress'. F32440 contains a resistance gene providing the resistance to European *Bremia lactucae* races Bl: 1-25, originating from the sister line of the variety 'Igoma'. LETTONY (experimental code E15.0145) is a green leaf used for baby leaf production, for year round harvests, resistant to European *Bremia lactucae* races Bl: 1-25.

LETTYONY is white seeded.

The pedigree method of plant breeding using single plant and mass selection was employed to develop this variety

Breeding Stages

- F1:** August 2001: the cross was made between 'Two-Star' and the batavia line F32440.
October 2001: seeds from this cross were sown and 10 plants transplanted for multiplication in a greenhouse at Enza Holland facilities –Enkhuizen. Those plants were harvested in bulk in April 2002 under the F2 line number 164.
- F2:** Seeds of the **F2 line 164** were sown in peat blocks in early may 2002 and, after evaluation of the young plants in the trays, transplanted in a selection field in the Enza France facilities in Allonnes (France) end of may 2002. A single plant selection of 8 green leaf-like plants was made in **July 2002**. Selected plants were transferred in a plastic tunnel glasshouse in Enza France facilities (Allonnes) for seed multiplication. Bioassays from leaf discs of those plants were tested for resistance to *Bremia* races Bl: 18 and Bl: 24. Five (5) plants were resistant, and seeds of them were harvested individually in December 2002, providing seeds of the F3 generation.
- F3:** Seeds of those F3 lines were sown in peat blocks in may 2003 in Enza France facilities in Allonnes (France). Those lines were evaluated and selected at young stage (just before transplantation stage) in **June 2003**.
F3 line 0330724 showed the most interesting leaf texture, shape and colour for baby leaf purpose. A single plant selection of 5 plants was made in this F3. Selected plants were transferred in a heated greenhouse for seed multiplication in Enza France facilities Allonnes (France). Bioassays from leaf discs of those plants were tested for resistance to *Bremia* race Bl: 18. Three (3) of them were resistant. Seeds of those plants were harvested individually, in November 2003, providing seeds of the F4 generation.
- F4:** Seeds of the (3) resistant F4 lines were sown in peat blocks during January 2004 at the Enza France facilities in Allonnes (France). Those lines were evaluated both at young plant stage in **March 2004**, and at full mature stage end of **April 2004**.
F4 line 0340145 showed the most interesting leaf texture, shape and uniformity. This line has been tested for *Bremia* races Bl: 18 and Bl: 24 and was uniformly resistant. This line was coded as the **new experimental variety E15.0145**. Eight (8) plants were selected in this F4, and transferred in a non heated plastic greenhouse for seed multiplication. Seeds of those plants were harvested in July 2004, providing seeds of the F5 generation.
- F5:** Each F5 lot has been used for a pre-commercial seed production in Griffith (New South Wales, Australia), sown in September 2004 and harvested in March 2005.
- F6:** From the most uniform F6 seed lot, a new commercial production has been sown in March 2005 and harvested in October 2005.

Exhibit A – Origin and Breeding History (continued)

Lettuce variety: LETTONY

European registration of the variety E15.0145 was filed at Naktuinbouw in Holland, September 30, 2004 and assigned the application #15639. The name of 'LETTONY' was proposed for the experimental number E15.0145.

LETTONY has been evaluated in extensive trials in lettuce baby leaf growing areas in Europe, California and Arizona.

The variety is stable and uniform in type and resistance since 2004. No variants have been observed in our selection and seed production fields.

revised

Exhibit B - Statement of Distinctiveness

Lettuce variety: LETTONY

Lettony is a white seeded, non-heading green leaf lettuce specially developed for year-round baby leaf production.

Lettony is most similar to commercial lettuce varieties Tropicana and Bergam's Green, however, there are a number of differences:

- Lettony is resistant to California *Bremia lactucae* races CAVII and CAVIII while Tropicana and Bergams Green are susceptible to races CAVII and CAVIII.
- Lettony is white seeded while Tropicana and Bergams Green are both black seeded.

Lettony resembles the green color 144A of the RHS color chart.

Exhibit D - Lettoney
Scoring Downy Mildew (*Bremia Lactucae*)

Leaf disk test *Bremia Lactucae*, CA VII isolate

3 leaf samples per plant, inoculation: 11/10/2006, final reading: 11/21/2006

Cultivar	total # plants	+	-	Result
Lettoney - rep 1	12	0	12	resistant
Lettoney - rep 2	12	0	12	resistant
Tropicana - rep 1	12	12	0	susceptible
Tropicana - rep 2	12	12	0	susceptible
Bergam's Green - rep 1	12	12	0	susceptible
Bergam's Green - rep 2	12	12	0	resistant

- no sporulation, + sporulation

Seedling test *Bremia Lactucae*, CA VII isolate

inoculation: 12/5/06 ,final reading: 12/20/06

Cultivar	tot # plants	+	-	Result
Lettoney (rep 1)	16	0	16	resistant
Lettoney (rep 2)	16	0	16	resistant
Lettoney (rep 3)	16	0	16	resistant
North Star (rep 1)	12	12	0	susceptible
North Star (rep 2)	15	15	0	susceptible
Two Star (rep 1)	14	12	2	susceptible
Two Star (rep 2)	14	14	0	susceptible
Bergam's Green (rep 1)	14	13	1	susceptible
Bergam's Green (rep 2)	16	16	0	susceptible
Tropicana (rep 1)	13	13	0	susceptible
Tropicana (rep 2)	15	15	0	susceptible
Lucress (rep 1)	12	0	12	resistant
Lucress (rep 2)	10	0	10	resistant
Vanity (rep 1)	16	16	0	susceptible
Vanity (rep 2)	15	15	0	susceptible
Orly (rep 1)	16	16	0	susceptible
Orly (rep 2)	16	16	0	susceptible
Igoma (rep 1)	16	2	14	resistant
Igoma (rep 2)	16	0	16	resistant

- no sporulation, + sporulation

Seedling test *Bremia Lactucae*, CA VIII isolate

inoculation: 1/30/07, final reading: 2/7/06

Cultivar	tot # plants	+	-	Result
Lettoney (rep 1)	16	0	16	resistant
Lettoney (rep 2)	16	0	16	resistant
Lettoney (rep 3)	16	0	16	resistant
North Star (rep 1)	15	15	0	susceptible
North Star (rep 2)	15	15	0	susceptible
Two Star (rep 1)	15	15	0	susceptible
Two Star (rep 2)	16	16	0	susceptible
Bergam's Green (rep 1)	15	15	0	susceptible
Bergam's Green (rep 2)	16	16	0	susceptible
Tropicana (rep 1)	15	15	0	susceptible
Tropicana (rep 2)	15	15	0	susceptible
Lucress (rep 1)	12	0	12	resistant
Lucress (rep 2)	8	0	8	resistant
Vanity (rep 1)	16	16	0	susceptible
Vanity (rep 2)	15	15	0	susceptible
Orly (rep 1)	16	16	0	susceptible
Orly (rep 2)	16	16	0	susceptible
Igoma (rep 1)	15	1	14	resistant
Igoma (rep 2)	16	0	16	resistant

- no sporulation, + sporulation

Exhibit D - Lettuce (continue)
Scoring Downy Mildew (*Bremia Lactucae*)

Additions

Seedling test *Bremia Lactucae*, CA VII isolate; Enza Zaden, San Juan Bautista, CA
inoculation: 9/4/07, final reading: 9/12/07

Cultivar	tot # plants	+	-	Result
Lettuce	15	0	15	resistant
Bergam's Green	12	10	2	susceptible
Tropicana	13	13	0	susceptible

- no sporulation, + sporulation

Seedling test *Bremia Lactucae*, CA VIII isolate; Enza Zaden, San Juan Bautista, CA
inoculation: 9/4/07, final reading: 9/12/07

Cultivar	tot # plants	+	-	Result
Lettuce	14	0	14	resistant
Bergam's Green	14	14	0	susceptible
Tropicana	15	15	0	susceptible

- no sporulation, + sporulation

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY
Lettuce (*Lactuca sativa* L.)**

NAME OF APPLICANT (S) ENZA ZADEN BEHEER B.V.	TEMPORARY OR EXPERIMENTAL DESIGNATION E15.0145	VARIETY NAME LETTY
ADDRESS (Street and No. or RD No., City, State, Zip Code, and Country) PO BOX 7, 1600 AA ENKHUIZEN, NETHERLANDS HALING 1E, 1602 DB ENKHUIZEN, NETHERLANDS		FOR OFFICIAL USE ONLY PVPO NUMBER #200700165

Place the appropriate number that describes the varietal character in the boxes below. Place a zero in the first box (e.g. or) when number is either 99 or less or 9 or less. Measured data should be the mean of an appropriate number (at least 20) of well space plants. Royal Horticultural Society or any recognized color standard may be used to determine plant colors.

The Location of the Test Area is: SAN JUAN BAPTISTA, CA	Color System Used: RHS 144A
---	---------------------------------------

SPECIFIC VARIETIES USED FOR COMPARISON AS CHECK VARIETIES IN THIS APPLICATION: Use standard regional check varieties, which are adapted to your area. One of the comparison varieties must be the most similar variety used in Exhibit B.

Application Variety (a1) **LETTY** Most Similar Variety (c1) **TROPICANA**
Standard Regional Check Variety (c2) **BERGAM'S GREEN**

1. PLANT TYPE: (See List of Suggested Check Varieties on Page 8)

01 = Cutting/Leaf	04 = Cos or Romaine	07 = Salinas Group	10 = Latin
02 = Butterhead	05 = Great Lakes Group	08 = Eastern (Ithaca) Group	11 = Other (Specify) _____
03 = Bibb	06 = Vanguard Group	09 = Stem	

(a1) (c1) (c2)

2. SEED:

(a1) <input type="text" value="1"/>	COLOR 1 = White (Silver Gray) 2 = Black (Grey Brown) 3 = Brown (Amber)	(a1) <input type="text" value="1"/>	LIGHT DORMANCY 1 = Light Required 2 = Light Not Required	(a1) <input type="text" value="1"/>	HEAT DORMANCY 1 = Susceptible 2 = Not Susceptible
(c1) <input type="text" value="2"/>		(c1) <input type="text" value="1"/>		(c1) <input type="text" value="1"/>	
(c2) <input type="text" value="2"/>		(c2) <input type="text" value="1"/>		(c2) <input type="text" value="1"/>	

3. COTYLEDON TO FOURTH LEAF STAGE: NOTE: Provide a color photograph or photocopy of the fourth leaf from 20 day-old seedling grown under optimal conditions.

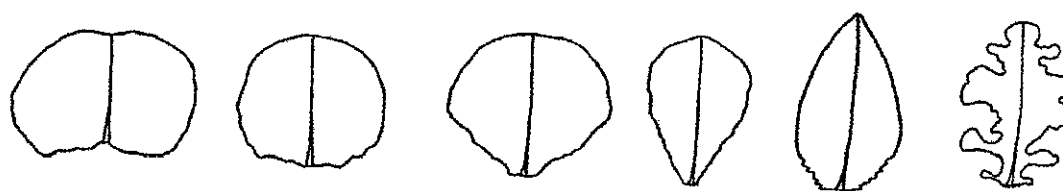
SHAPE OF COTYLEDONS: 1 = Broad 2 = Intermediate 3 = Spatulate

(a1) (c1) (c2)

SHAPE OF FOURTH LEAF: (a1) (c1) (c2)

9

3. COTYLEDON TO FOURTH LEAF STAGE: (continued)



1. Transverse oval

2. Round

3. Oval

4. Elongated

5. Lanceolate

6. Pinnately lobed

LENGTH/WIDTH INDEX OF FOURTH LEAF: L/W x 10

(a1) (c1) (c2)

APICAL MARGIN:

1 = Entire

2 = Crenate/Gnawed

3 = Finely Dentate

4 = Moderately Dentate

5 = Coarsely Dentate

6 = Incised

7 = Lobed

8 = Other (Specify) _____

(a1) (c1) (c2)

BASAL MARGIN: (Use the options for Apical Margin above)

(a1) (c1) (c2)

UNDULATION:

1 = Flat

2 = Slight

3 = Medium

4 = Marked

(a1) (c1) (c2)

GREEN COLOR:

1 = Yellow Green

2 = Light Green

3 = Medium Green

4 = Dark Green

5 = Blue Green

6 = Silver Green

7 = Grey Green

(a1) (c1) (c2)

ANTHOCYANIN:

DISTRIBUTION:

1 = Absent

2 = Margin Only

3 = Spotted

4 = Throughout

5 = Other (Specify) _____

(a1) (c1) (c2)

CONCENTRATION:

1 = Light

2 = Moderate

3 = Intense

(a1) (c1) (c2)

ROLLING:

1 = Absent

2 = Present

(a1) (c1) (c2)

CUPPING:

1 = Uncupped

2 = Slight

3 = Markedly

(a1) (c1) (c2)

REFLEXING:

1 = None

2 = Apical Margin

3 = Lateral Margins

(a1) (c1) (c2)

4. MATURE LEAVES (Observe Harvest-Mature Outer Leaves)

NOTE: Provide color photo of a harvest-mature leaf which accurately shows color and margin characteristics.

MARGIN:**INCISION DEPTH:**
(deepest penetration
of the margin)

1 = Absent/Shallow (Dark Green Boston)

2 = Moderate (Vanguard)

3 = Deep (Great Lakes 659)

(a1) (c1) (c2) **INDENTATION:** (Finest divisions of the margin)

1 = Entire (Dark Green Boston)

2 = Shallowly Dentate (Great Lakes 65)

3 = Deeply Dentate (Great Lakes 659)

4 = Crenate (Vanguard)

5 = Other (Specify) _____

(a1) (c1) (c2) **UNDULATIONS OF THE
APICAL MARGIN:**

1 = Absent/Slight (Dark Green Boston) 2 = Moderate (Vanguard)

3 = Strong (Great Lakes 659)

(a1) (c1) (c2) **GREEN COLOR:**

1 = Very Light Green (Bibb)

2 = Light Green (Minetto)

3 = Medium Green (Great Lakes)

4 = Dark Green (Vanguard)

5 = Very Dark Green

6 = Other (Specify) _____

(a1) (c1) (c2) **ANTHOCYANIN:****DISTRIBUTION:**

1 = Absent

2 = Margin Only (Big Boston)

3 = Spotted (California Cream Butter)

4 = Throughout (Prize Head)

5 = Other (Specify) _____

(a1) (c1) (c2) **CONCENTRATION:**

1 = Light (Iceberg)

2 = Moderate (Prize Head)

3 = Intense (Ruby)

(a1) (c1) (c2) **SIZE:**

1 = Small

2 = Medium

3 = Large

(a1) (c1) (c2) **GLOSSINESS:**

1 = Dull (Vanguard)

2 = Moderate (Salinas)

3 = Glossy (Great Lakes)

(a1) (c1) (c2) **BLISTERING:**1 = Absent/Slight
(Salinas)2 = Moderate
(Vanguard)3 = Strong
(Prize Head)(a1) (c1) (c2) **LEAF THICKNESS:**

1 = Thin

2 = Intermediate

3 = Thick

(a1) (c1) (c2) **TRICHOMES:**

1 = Absent (Smooth)

2 = Present (Spiny)

(a1) (c1) (c2) **5. PLANT:****SPREAD OF FRAME LEAVES:**(a1) cm(c1) cm(c2) cm

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5. PLANT: (continued)

HEAD DIAMETER: (Market Trimmed with Single Cap Leaf)

(a1) cm(c1) cm(c2) cm

HEAD SHAPE:

1 = Flattened

3 = Spherical

5 = Non-Heading

2 = Slightly Flattened

4 = Elongate

6 = Other (Specify) _____

(a1) (c1) (c2)

HEAD SIZE CLASS:

1 = Small

2 = Medium

3 = Large

(a1) (c1) (c2)

HEAD PER CARTON:

(a1) (c1) (c2)

HEAD WEIGHT:

(a1) g.(c1) g.(c2) g.

HEAD FIRMNESS:

1 = Loose

2 = Moderate

3 = Firm

4 = Very Firm

(a1) (c1) (c2)

6. BUTT:

SHAPE:

1 = Slightly Concave

2 = Flat

3 = Rounded

(a1) (c1) (c2)

MIDRIB:

1 = Flattened (Salinas)

2 = Moderately Raised

3 = Prominently Raised (Great Lakes 659)

(a1) (c1) (c2)

7. CORE:

DIAMETER AT BASE OF HEAD:

(a1) mm(c1) mm(c2) mm

RATIO OF HEAD DIAMETER/CORE DIAMETER:

(a1) (c1) (c2)

CORE HEIGHT FROM BASE OF HEAD TO APEX:

(a1) mm(c1) mm(c2) mm8. BOLTING: (Give First Water Date: 1/5/07) NOTE: First Water Date is the date seed first receives adequate moisture to germinate. This can and often does equal the planting date.

IN TEST

NUMBER OF DAYS FROM FIRST WATER DATE TO SEED STALK EMERGENCE: (summer conditions)

(a1) (c1) (c2)

BOLTING CLASS:

1 = Very Slow

3 = Medium

5 = Very Rapid

2 = Slow

4 = Rapid

(a1) (c1) (c2)

HEIGHT OF MATURE SEED STALK:

(a1) cm (c1) cm (c2) cm

8. BOLTING: (continued)

IN TEST

SPREAD OF BOLTER PLANT: (At widest point)

(a1) 29 cm (c1) 33 cm (c2) 31 cm

BOLTER LEAVES: 1 = Straight 2 = Curved

(a1) 2 (c1) 2 (c2) 2

MARGIN: 1 = Entire 2 = Dentate

(a1) 2 (c1) 2 (c2) 2

COLOR: 1 = Light Green 2 = Medium Green 3 = Dark Green

(a1) 2 (c1) 2 (c2) 2

BOLTER HABIT:

TERMINAL INFLORESCENCE: 1 = Absent 2 = Present

(a1) 2 (c1) 2 (c2) 2

LATERAL SHOOTS: 1 = Absent 2 = Present

(a1) 2 (c1) 2 (c2) 2

BASAL SIDE SHOOTS: 1 = Absent 2 = Present

(a1) 2 (c1) 1 (c2) 2

9. MATURITY: (earliness of harvest-mature head formation)

NOTE: Complete this section for at least one season.

SEASON	APPLICATION VARIETY No. of Days ¹		MOST SIMILAR VARIETY No. of Days ¹		STANDARD REGIONAL CHECK VARIETY No. of Days ¹	
Spring	1/ 48					
Summer	2/ 28					
Fall	1/ 39 2/ 90		3/ 92		2/ 92	
Winter	1/ 60					

¹ First Water Date to Harvest

Give Planting Date(s) and Location(s):

Spring: 1) 2/18/2006 GONZALES, CA (BABY LEAF STAGE)

Summer: 1) 7/17/2006 SAN JUAN BAUTISTA, CA (BABY LEAF STAGE)

Fall: 1) 8/28/2006 CHULAR, CA (BABY LEAF STAGE) - 2) 8/31/2006 SAN JUAN BAUTISTA, CA (FULL MATURITY STAGE)

Winter: 1) 11/8/2006 YUMA, AZ (BABY LEAF STAGE)

10. ADAPTATION:

PRIMARY REGIONS OF ADAPTATION (tested and proven adapted):

0 = Not Tested 1 = Not Adapted 2 = Adapted

2 Southwest (CA and/or AZ desert) 2 West Coast 0 Northeast

0 North Central 0 Southeast Other (Specify) _____

10. ADAPTATION: (Continued)

SEASON:

2 Spring (Area WEST COAST, SOUTH WEST) 2 Fall (Area WEST COAST, SOUTH WEST)
2 Summer (Area WEST COAST) 2 Winter (Area SOUTH WEST)

0 GREENHOUSE: 0 = Not Tested 1 = Not Adapted 2 = Adapted
1 SOIL TYPE: 1 = Mineral 2 = Organic 3 = Both

11. VIRAL DISEASES:

1 = Immune 3 = Resistant 5 = Moderately Resistant/Moderately Susceptible 7 = Susceptible 9 = Highly Susceptible

Big Vein	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Lettuce Mosaic	(a1)	<u> </u>	(c1)	<u>7</u>	(c2)	<u> </u>
Cucumber Mosaic	(a1)	<u> </u>	(c1)	<u>0</u>	(c2)	<u> </u>
Tomato Bushy Stunt, cause of dieback	(a1)	<u> </u>	(c1)	<u>7</u>	(c2)	<u> </u>
Turnip Mosaic	(a1)	<u> </u>	(c1)	<u>0</u>	(c2)	<u> </u>
Beet Western Yellows	(a1)	<u> </u>	(c1)	<u>0</u>	(c2)	<u> </u>
Lettuce Infectious Yellows	(a1)	<u> </u>	(c1)	<u>0</u>	(c2)	<u> </u>
Other (Specify) _____	(a1)	<u> </u>	(c1)	<u>0</u>	(c2)	<u> </u>

0 = not tested

12. FUNGAL/BACTERIAL DISEASES:

1 = Immune 3 = Resistant 5 = Moderately Resistant/Moderately Susceptible 7 = Susceptible 9 = Highly Susceptible

Corky Root Rot (Races: <u>CA I</u>)	(a1)	<u>0</u>	(c1)	<u>3</u>	(c2)	<u>3</u>
Downy Mildew (Races: <u>CA VII and VIII</u>)	(a1)	<u>3</u>	(c1)	<u>7</u>	(c2)	<u>7</u>
Powdery Mildew	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Sclerotinia Drop	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Bacterial Soft Rot (<i>Pseudomonas</i> spp. and others)	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Botrytis (Grey Mold)	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Verticillium Wilt	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Bacterial Leaf Spot	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Anthracnose	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Other (Specify) _____	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>

0 = not tested

13. INSECTS:

1 = Immune 3 = Resistant 5 = Moderately Resistant/Moderately Susceptible 7 = Susceptible 9 = Highly Susceptible

Cabbage Loopers	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Root Aphids	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Green Peach Aphid	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>
Lettuce Aphid	(a1)	<u>0</u>	(c1)	<u>0</u>	(c2)	<u>0</u>

0 = not tested

Pea Leafminer	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="0"/>	(c2)	<input type="text" value="0"/>
Other (Specify) _____	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="0"/>	(c2)	<input type="text" value="0"/>

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14. PHYSIOLOGICAL STRESSES:

1 = Immune 3 = Resistant 5 = Moderately Resistant/Moderately Susceptible 7 = Susceptible 9 = Highly Susceptible

Tipburn	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="5"/>	(c2)	<input type="text" value="3"/>
Heat	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="5"/>	(c2)	<input type="text" value="5"/>
Drought	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="0"/>	(c2)	<input type="text" value="0"/>
Cold	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="5"/>	(c2)	<input type="text" value="7"/>
Salt	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="0"/>	(c2)	<input type="text" value="0"/>
Brown Rib (Rib Discoloration, Rib Blight)	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="3"/>	(c2)	<input type="text" value="3"/>
Other (Specify) _____	(a1)	<input type="text"/>	(c1)	<input type="text"/>	(c2)	<input type="text"/>

*0 = not tested***15. POST HARVEST STRESS:**

1 = Immune 3 = Resistant 5 = Moderately Resistant/Moderately Susceptible 7 = Susceptible 9 = Highly Susceptible

Pink Rib	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="3"/>	(c2)	<input type="text" value="3"/>
Russet Spotting	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="3"/>	(c2)	<input type="text" value="3"/>
Rusty Brown Discoloration	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="3"/>	(c2)	<input type="text" value="3"/>
Internal Rib Necrosis (Blackheart, Grey Rib, Grey Streak)	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="3"/>	(c2)	<input type="text" value="3"/>
Brown Stain	(a1)	<input type="text" value="0"/>	(c1)	<input type="text" value="3"/>	(c2)	<input type="text" value="3"/>

*0 = not tested***16. BIOCHEMICAL OR ELECTROPHORETIC MARKERS:**

17. COMMENTS:

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SUGGESTED CHECK VARIETIES

TYPE	CHECK VARIETY
1 Cutting/Leaf	Waldmann's Green
2 Butterhead	Dark Green Boston
3 Bibb	Bibb
4 Cos or Romain	Parris Island
5 Great Lakes Group	Great Lakes 659-700
6 Vanguard Group	Vanguard
7 Salinas Group	Salinas
8 Eastern Group	Ithaca
9 Stem	Celtuce
10 Latin	Little Gem

REFERENCES

- Bowring, J.D.C., 1969, "The Identification of Varieties of Lettuce (*Lactuca Sativa* L.)". Journal of the National Institute of Agricultural Botany 11:499-520. National Institute of Agricultural Botany, Cambridge, UK.
- Davis, R.M., K.V. Subbarao, R.N. Raid, and E.A. Kurtz, 1997. "Compendium of Lettuce Diseases". APS Press, St. Paul, MN.
- Michelmore, R.W., J. M. Norwood, D.S. Ingram, I.R. Crute and P. Nicholson. 1984. "The inheritance of virulence in *Bremia lactucae* to match resistance factors 3, 4, 5, 6, 8, 9, 10, and 11 in lettuce (*Lactuca sativa*)". Plant Pathology 32:176-177.
- Norwood, J.M., R.W. Michelmore, I.R. Crute and D.S. Ingram. 1983. "The inheritance of specific virulence of *Bremia lactucae* (Downy Mildew) to match R-factors 1, 2, 4, 5, and 11 in lettuce (*Lactuca sativa*)". Plant Pathology 32:176-177.
- Rodenburg, C.M., et al., 1960. "Varieties of Lettuce. An International Monograph", Instituut voor de Verdeling van Tuinbouwgewassen (IVT), Wageningen, NL.
- Ryder, E.J., 1999, *Lettuce, Endive, and Chicory*, CABI Publications, Wallingford, UK.

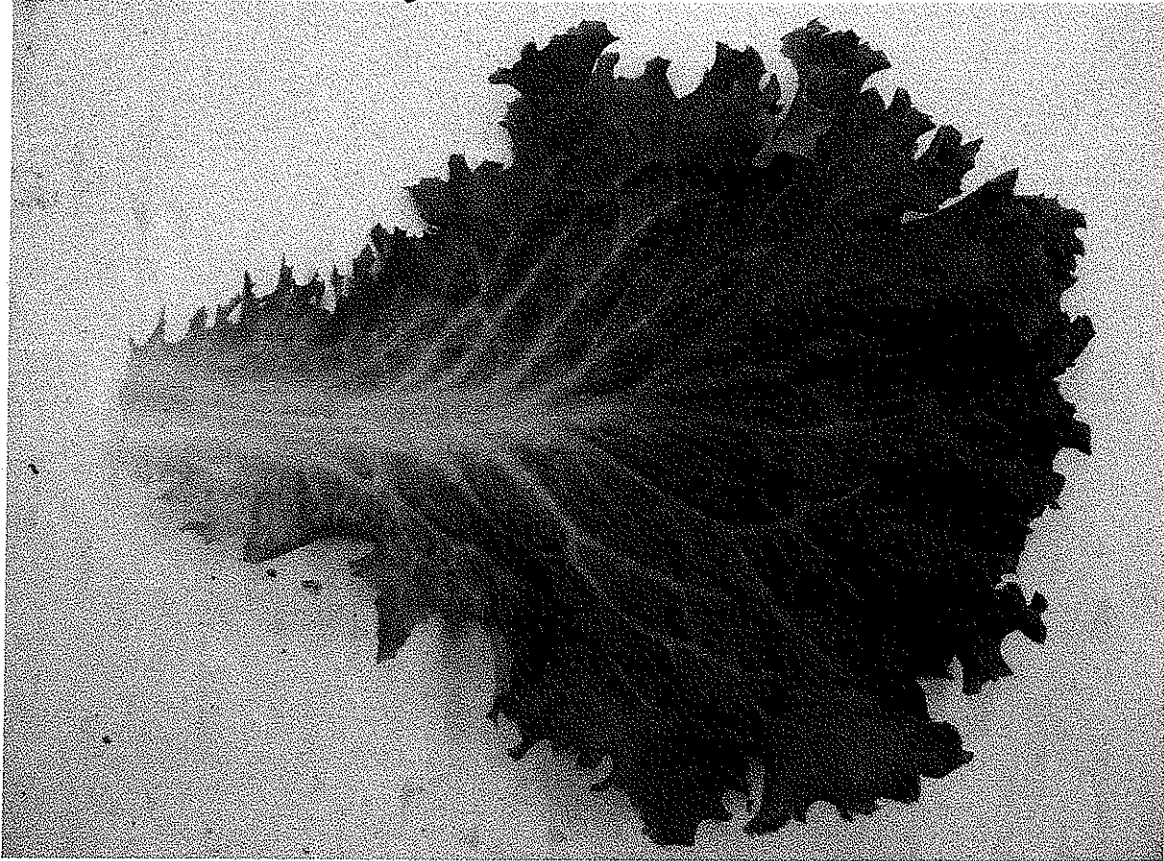
Exhibit C – Lettony
Pictures

Lettony at 4th leaf stage



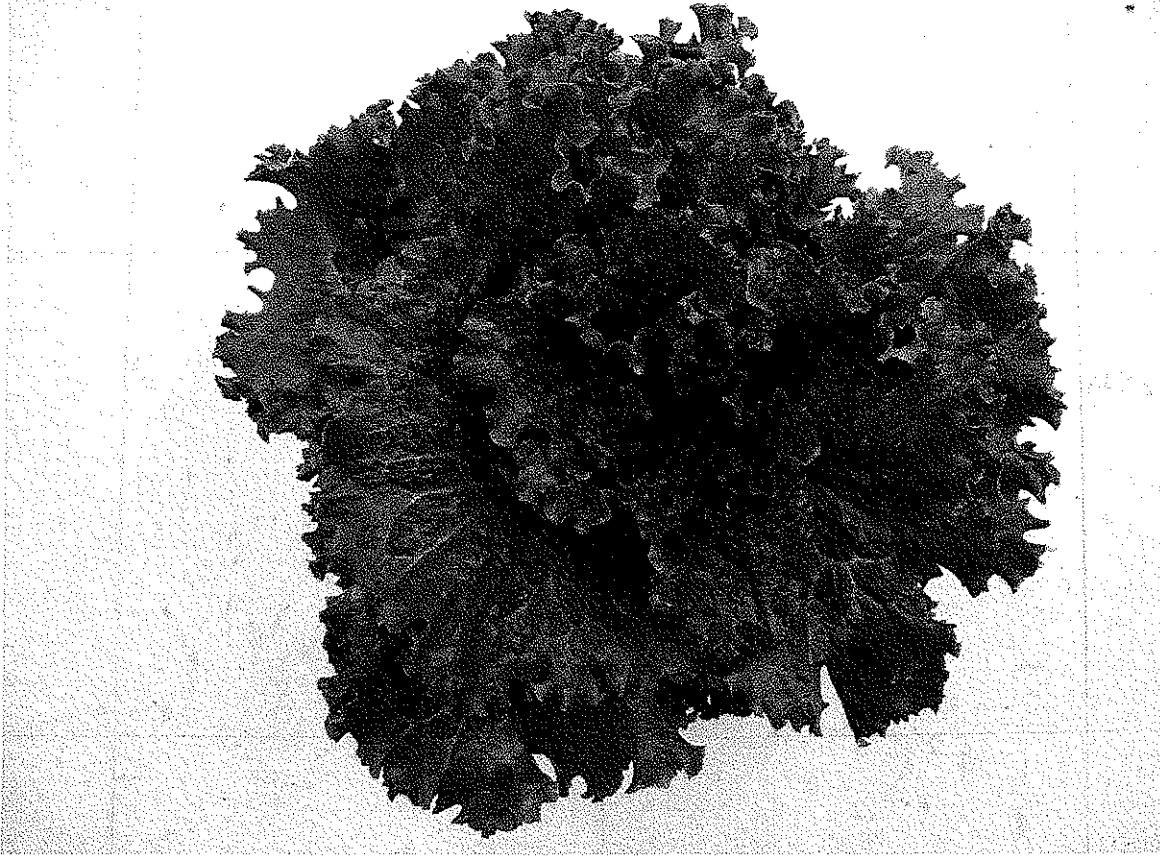
**Exhibit C – Lettony
Pictures**

Lettony whole leaf at full mature stage



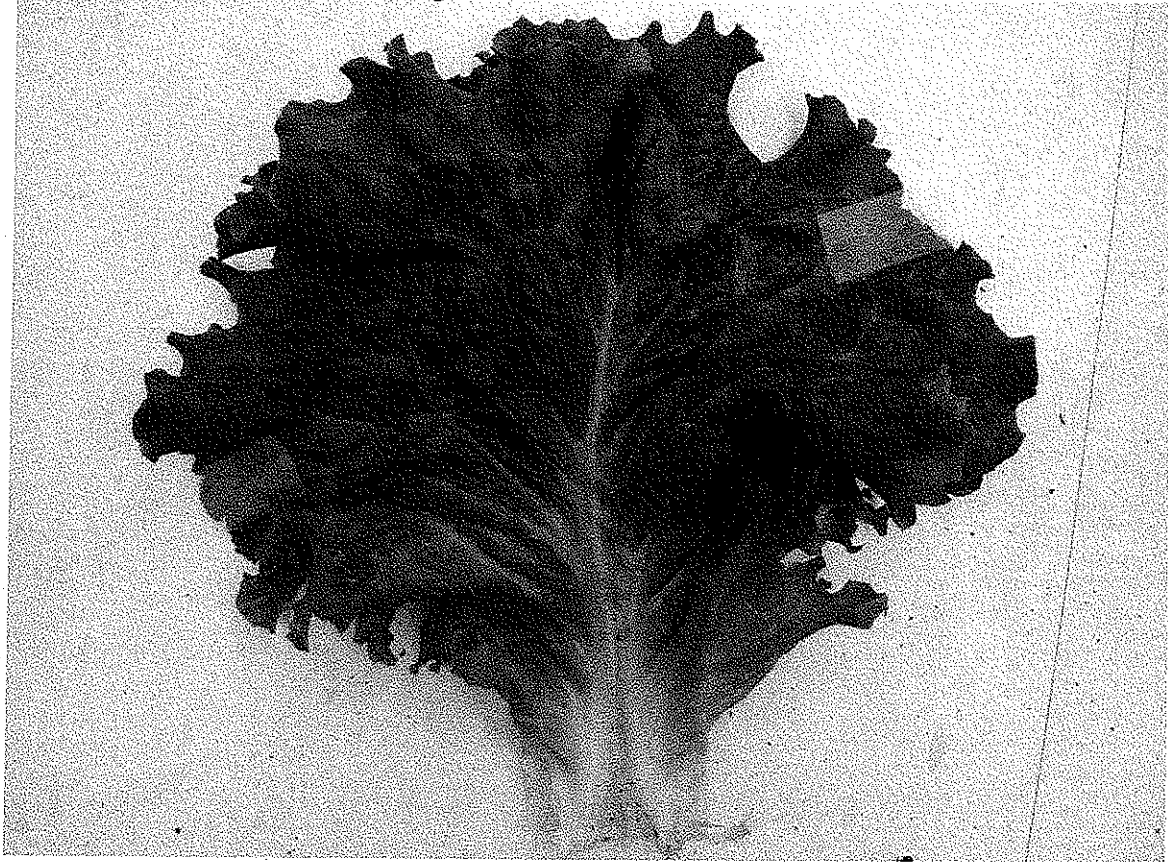
**Exhibit C – Lettuce
Pictures**

Lettuce whole plant at full mature stage



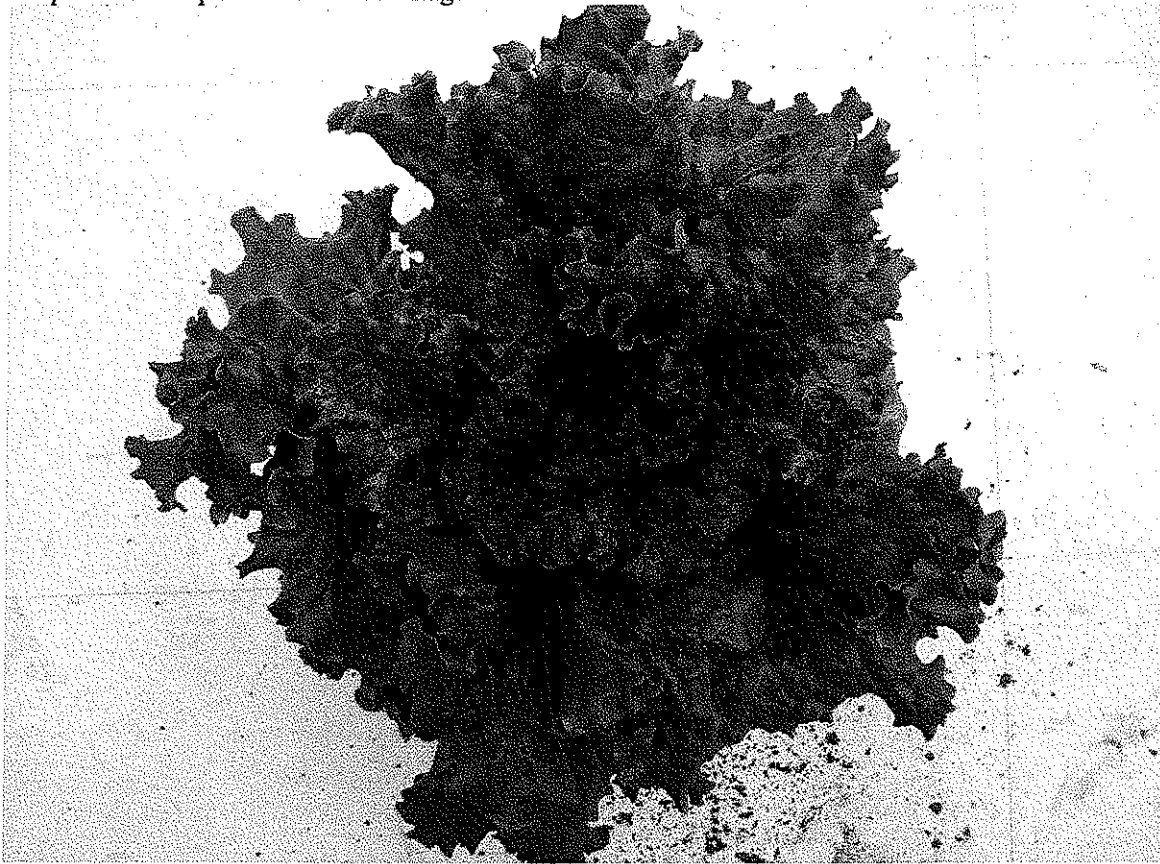
**Exhibit C – Lettany
Pictures**

Tropicana whole leaf at full mature stage



**Exhibit C -- Lettony
Pictures**

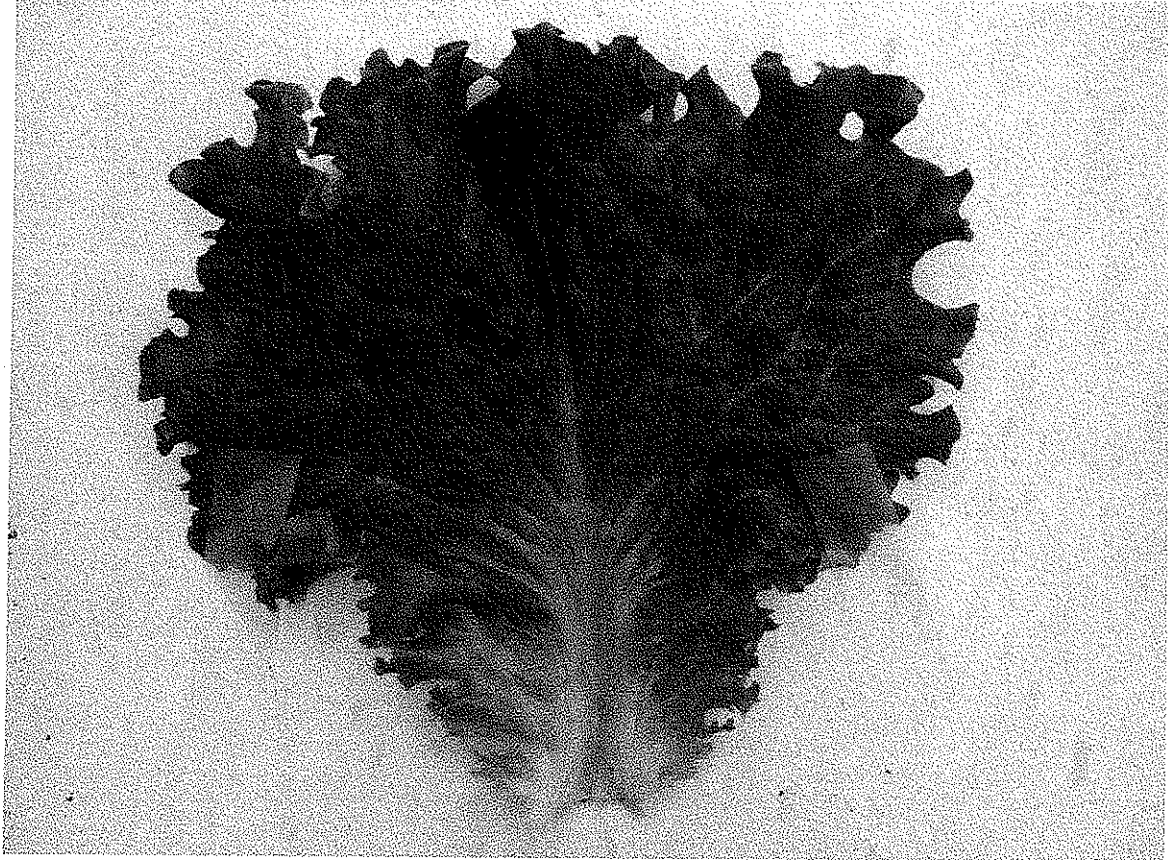
Tropicana whole plant at full mature stage



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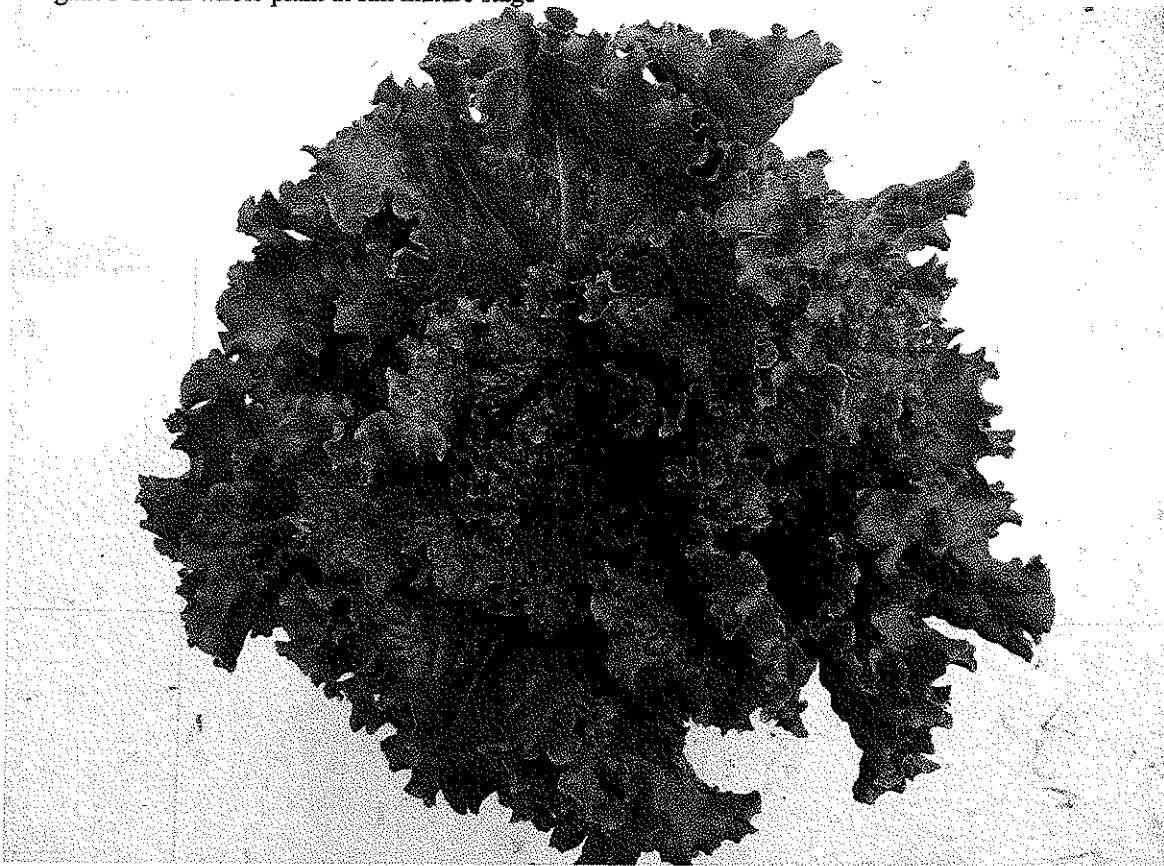
**Exhibit C – Lettuce
Pictures**

Bergam's Green whole leaf at full mature stage



**Exhibit C – Lettony
Pictures**

Bergam's Green whole plant at full mature stage



- Lettony
Bolting measurements

Location Enza Zaden, San Juan Bautista, California

sowing: 1/5/07

transplant: 2/16/07

Pit#	#Days Seed Stalk Emergence			Height Mature Seed Stalk (cm)			Spread of Bolter Plant (cm)		
	Lettony	Tropicana	Bergam's Green	Lettony	Tropicana	Bergam's Green	Lettony	Tropicana	Bergam's Green
1	102	101	130	113.4	117.4	153.8	28.6	32.5	29.2
2	106	101	128	134.3	135.4	141.7	27.5	27.2	30.3
3	106	105	123	138.4	126.1	140.4	32.3	28.7	28.7
4	107	101	110	70.2	150.4	131.6	20.0	33.3	29.6
5	102	98	123	130.4	117.1	121.8	26.8	25.3	31.3
6	106	101	113	117.4	153.2	125.4	25.4	34.2	31.2
7	98	98	115	126.3	120.4	108.3	25.7	48.2	24.2
8	107	98	-	143.2	166.1	-	28.4	36.1	-
9	102	97	121	130.7	107.8	122.7	36.1	33.2	35.4
10	108	97	110	150.4	107.4	116.9	43.3	28.2	36.2
11	108	101	107	121.2	126.1	118.4	33.8	26.2	29.3
12	108	101	120	141.5	152.8	104.8	32.1	38.4	24.9
13	102	104	108	118.7	132.1	106.2	29.7	28.0	31.8
14	102	101	108	110.2	146.6	116.2	20.4	37.8	38.4
15	107	101	-	112.6	134.1	-	26.2	43.7	-
Mean	105	100	117	123.9	132.9	123.7	29.1	33.4	30.8
St Dev	3.1	2.4	8.0	19.2	17.8	14.7	5.9	6.6	4.1

Location Enza Zaden, San Juan Bautista, California

sowing: 2/6/07 (direct)

Pit#	#Days Seed Stalk Emergence			Height Mature Seed Stalk (cm)			Spread of Bolter Plant (cm)		
	Lettony	Tropicana	Bergam's Green	Lettony	Tropicana	Bergam's Green	Lettony	Tropicana	Bergam's Green
1	134	113	-	136.8	110.6	-	26.5	27.5	-
2	133	118	144	160.771	5	-	30.7	20.4	-
3	138	122	144	83.2	143.6	-	14.4	39.4	-
4	137	110	136	112.280	7	-	22.4	27.2	-
5	128	113	142	68.5	-	-	14.6	-	-
6	134	113	-	140.799	8	-	25.9	32.7	-
7	133	114	-	82.4	102.1	-	19.9	38.6	-
8	133	117	142	136.9	-	-	23.4	-	-
9	128	109	-	123.492	1	-	26.3	25.6	-
10	134	113	136	142.1	118.4	-	31.3	32.4	-
11	128	112	144	129.6	-	-	23.7	-	-
12	122	113	-	112.181	6	-	15.2	23.6	-
13	128	113	-	106.4	112.4	-	28.9	37.6	-
14	134	118	-	110.8	-	-	14.6	-	-
15	137	119	-	126.5	110.2	-	23.2	37.9	-
Mean	132	114	141	118	102	-	23	31	-
St.Dev	4.4	3.6	3.6	25.4	20.4	-	5.9	6.7	-

- Lettony

Seedling measurements at 4th leaf stage: Lettony, Tropicana, Bergam's Green

Plt #	Lettony			Tropicana			Bergams Green		
	Length (cm)	Width (cm)	ratio (l/w*10)	Length (cm)	Width (cm)	ratio (l/w*10)	Length (cm)	Width (cm)	ratio (l/w*10)
1	11.5	5.0	23.0	10.0	5.5	18.2	11.3	6.0	18.8
2	9.7	4.8	20.2	11.5	5.6	20.5	10.3	5.4	19.1
3	10.6	4.5	23.6	11.5	6.0	19.2	11.3	6.0	18.8
4	10.9	5.7	19.1	10.4	5.5	18.9	10.5	5.0	21.0
5	11.6	5.5	21.1	11.5	6.5	17.7	10.6	6.0	17.7
6	11.4	4.8	23.8	11.5	5.5	20.9	10.9	6.3	17.3
7	7.3	4.1	17.8	12.0	6.0	20.0	10.9	5.5	19.8
8	10.5	4.5	23.3	11.6	6.2	18.7	9.5	5.0	19.0
9	12.0	5.2	23.1	11.5	6.1	18.9	10.0	5.0	20.0
10	10.0	5.0	20.0	10.4	5.4	19.3	11.0	5.7	19.3
11	10.5	4.7	22.3	11.5	5.6	20.5	9.0	5.1	17.6
12	10.1	4.1	24.6	12.0	5.8	20.7	10.9	5.6	19.5
13	9.5	4.5	21.1	9.2	4.5	20.4	11.8	5.8	20.3
14	9.3	4.5	20.7	10.2	6.1	16.7	10.8	5.7	18.9
15	8.9	4.0	22.3	9.3	5.2	17.9	11.1	5.6	19.8
16	9.0	4.2	21.4	11.5	5.8	19.8	10.6	6.0	17.7
17	11.5	4.6	25.0	-	-	-	12.5	6.2	20.2
18	9.6	4.0	24.0	-	-	-	9.8	5.0	19.6
19	10.5	4.2	25.0	-	-	-	11.9	6.5	18.3
20	8.5	4.2	20.2	-	-	-	9.3	5.7	16.3
Mean	10.1	4.6	22.1	11.0	5.7	19.3	10.7	5.7	19.0

#200700165

- Lettomy

Complete Data Set: Lettomy, Tropicana, Bergam's Green

SJB1
SJB2San Juan Bautista, California, REP 1
San Juan Bautista, California, REP 2sowing: 08/31/06
idemtransplant: 10/04/06
idemevaluation: 11/29/06
idem

Trial	Plt#	Spread of Frame Leaves (cm)			Weight (grams)			Plant Diameter (cm)		
		Lettomy	Tropicana	Bergams Green	Lettomy	Tropicana	Bergams Green	Lettomy	Tropicana	Bergams Green
SJB1	1	53.0	44.2	43.9	650.0	367.6	375.1	49.6	37.3	37.8
SJB1	2	53.4	46.9	38.9	622.2	325.0	200.8	48.0	38.0	32.8
SJB1	3	56.6	42.4	42.3	643.2	199.6	236.7	44.1	35.6	35.4
SJB1	4	53.8	43.9	43.8	601.7	248.6	277.1	44.2	36.9	36.9
SJB1	5	54.9	41.1	41.6	525.6	267.2	236.5	42.9	35.2	35.9
SJB1	6	53.9	40.9	41.8	544.0	236.4	288.7	41.5	30.0	37.4
SJB1	7	55.0	45.8	45.5	581.9	344.2	397.6	44.0	37.3	40.2
SJB1	8	50.5	44.2	41.8	479.0	250.3	358.6	42.1	32.9	38.2
SJB1	9	56.3	42.9	43.6	633.4	309.3	298.1	53.1	36.5	37.7
SJB1	10	49.8	45.2	41.8	520.0	280.8	337.7	36.7	39.3	39.1
SJB1	11	52.0	41.2	40.5	580.8	219.2	290.5	40.7	35.7	35.9
SJB1	12	48.3	43.0	44.2	543.3	309.0	302.5	47.2	39.3	36.4
SJB1	13	52.5	44.9	40.5	510.0	295.0	269.6	41.1	36.9	37.2
SJB1	14	50.8	46.5	39.3	444.1	229.8	271.6	40.9	33.5	35.7
SJB1	15	54.0	46.2	40.7	536.2	307.8	192.9	40.5	37.0	34.4
SJB1	16	58.7	46.9	41.5	733.3	425.8	314.4	48.2	41.3	37.1
SJB1	17	54.7	45.1	40.2	575.2	381.3	324.8	42.8	42.2	24.8
SJB1	18	60.2	46.9	44.8	425.7	332.5	324.3	40.0	40.3	36.5
SJB1	19	60.0	51.1	40.7	560.1	483.1	234.4	42.3	43.2	35.8
SJB1	20	57.5	49.7	45.4	494.7	342.4	345.0	41.6	38.8	36.3
SJB2	1	55.0	46.2	41.4	527.3	350.0	336.1	40.1	37.4	36.3
SJB2	2	57.4	43.2	44.3	524.0	300.0	304.2	38.0	36.3	36.8
SJB2	3	57.0	41.9	40.5	526.8	334.8	282.6	40.4	33.2	34.4
SJB2	4	53.3	44.8	39.4	576.3	313.1	291.7	44.8	36.2	36.6
SJB2	5	56.0	47.1	41.9	722.5	436.6	399.3	44.0	42.0	34.2
SJB2	6	59.2	48.5	42.2	661.0	389.2	317.2	44.3	39.0	38.0
SJB2	7	54.9	44.7	41.7	566.4	265.6	246.3	40.6	35.9	34.2
SJB2	8	51.2	43.9	38.2	470.5	315.5	266.9	37.4	36.5	34.1
SJB2	9	54.2	43.0	41.4	623.4	338.1	307.4	42.6	37.1	35.4
SJB2	10	55.7	47.9	40.0	681.5	332.0	274.1	42.6	40.8	35.2
SJB2	11	53.8	46.8	42.3	410.6	332.2	334.6	43.2	38.0	37.8
SJB2	12	54.7	46.6	42.2	619.6	406.1	256.9	42.0	39.2	35.3
SJB2	13	59.8	46.8	42.8	625.0	393.7	272.8	47.5	38.8	33.2
SJB2	14	48.5	43.2	37.7	347.5	254.2	210.0	38.8	35.8	31.6
SJB2	15	47.5	42.5	42.7	433.2	320.4	289.0	42.0	34.4	34.9
SJB2	16	56.4	40.5	38.1	588.4	290.8	289.7	40.0	36.7	37.8
SJB2	17	54.6	46.4	42.8	492.9	353.4	380.0	45.2	38.6	35.6
SJB2	18	56.2	43.0	35.6	600.0	312.7	241.4	39.0	37.3	31.3
SJB2	19	54.1	43.0	43.9	569.5	273.7	339.5	44.5	29.8	34.0
SJB2	20	47.4	48.8	41.0	393.8	373.2	247.7	37.3	39.8	35.1
Mean SJB1		54.3	45.0	42.1	560.2	307.7	293.8	43.6	37.4	36.1
St.Dev. SJB1		3.3	2.7	2.0	74.6	71.5	55.6	3.9	3.2	3.1
Mean SJB2		54.3	44.9	41.0	548.0	334.3	294.4	41.7	37.1	35.1
St.Dev. SJB2		3.4	2.4	2.2	100.1	47.9	47.1	2.9	2.7	1.8
Mean SJB1+2		54.3	44.9	41.6	554.1	321.0	294.1	42.6	37.3	35.6
St.Dev. SJB1+2		3.3	2.5	2.2	87.4	61.6	50.9	3.5	2.9	2.6

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- Lettony

Complete Data Set: Lettony, Tropicana, Bergam's Green

SJB1 San Juan Bautista, California, REP 1
 SJB2 San Juan Bautista, California, REP 2

sowing: 08/31/06
 idem

transplant: 10/04/06
 idem

evaluation: 11/29/06
 idem

Trial	Pit#	Plant Height (cm)			Width Leaf (cm)			Length Leaf (cm)		
		Lettony	Tropicana	Bergams Green	Lettony	Tropicana	Bergams Green	Lettony	Tropicana	Bergams Green
SJB1	1	31.0	34.0	23.4	28.4	19.8	22.5	27.2	20.5	19.9
SJB1	2	28.5	24.2	21.2	26.1	22.4	18.8	29.0	25.0	19.9
SJB1	3	32.7	22.8	23.7	24.3	20.0	19.4	29.7	21.5	21.3
SJB1	4	31.2	21.3	21.9	22.7	21.8	22.8	25.2	24.9	22.4
SJB1	5	29.3	23.1	20.2	20.6	21.4	18.9	26.1	23.2	21.2
SJB1	6	28.8	20.4	22.2	24.3	21.0	22.7	27.6	20.0	22.4
SJB1	7	30.0	23.9	24.5	24.1	24.3	21.5	27.2	24.0	23.3
SJB1	8	30.8	23.5	19.6	25.2	20.4	19.8	25.8	21.9	28.9
SJB1	9	31.2	21.9	19.2	27.7	20.9	19.8	25.1	21.3	20.9
SJB1	10	29.0	23.9	25.6	25.0	21.9	19.7	25.2	23.9	23.5
SJB1	11	28.8	22.4	22.0	22.5	20.9	22.5	25.8	21.0	22.3
SJB1	12	33.2	23.2	21.2	25.1	20.5	18.4	27.0	22.8	21.3
SJB1	13	28.2	22.9	19.2	24.7	19.9	20.7	25.4	22.8	22.3
SJB1	14	31.4	25.2	30.4	23.0	19.0	19.7	23.8	22.1	20.4
SJB1	15	29.0	24.0	20.8	24.8	24.2	19.4	26.7	25.0	21.2
SJB1	16	31.0	22.3	24.8	25.9	21.4	19.6	28.5	22.2	20.2
SJB1	17	29.4	23.5	23.4	25.7	22.1	20.8	26.7	24.8	22.4
SJB1	18	32.2	24.1	23.7	25.0	21.8	22.4	27.5	24.5	23.9
SJB1	19	33.6	25.9	23.4	27.3	24.0	18.9	30.8	25.0	20.8
SJB1	20	32.9	22.9	26.0	27.2	21.3	19.7	27.4	23.9	23.4
SJB2	1	32.1	24.6	22.9	21.7	23.9	19.5	27.0	23.7	20.8
SJB2	2	28.1	25.8	22.8	27.8	31.2	20.7	27.9	33.1	20.4
SJB2	3	28.5	24.9	22.9	23.1	20.5	20.7	24.8	21.8	20.8
SJB2	4	28.5	25.3	21.0	22.6	31.3	22.3	23.0	31.4	20.7
SJB2	5	33.8	26.5	19.8	26.8	20.2	19.0	27.0	23.3	21.3
SJB2	6	32.1	23.3	19.9	25.0	23.6	19.2	28.3	22.4	21.5
SJB2	7	30.3	22.0	22.8	24.8	21.0	19.8	28.0	22.4	20.5
SJB2	8	29.0	23.0	21.7	21.6	20.9	20.8	25.8	23.3	20.6
SJB2	9	30.8	22.7	23.2	25.3	22.5	22.0	27.9	22.7	21.2
SJB2	10	33.0	23.3	20.4	27.0	21.7	21.5	29.0	23.2	20.6
SJB2	11	27.7	20.9	22.4	22.5	22.9	23.5	25.5	22.3	21.2
SJB2	12	31.5	23.8	23.8	22.7	21.5	22.3	25.4	23.5	22.2
SJB2	13	34.1	24.7	21.9	26.0	21.9	18.3	26.8	24.8	18.2
SJB2	14	28.0	21.7	21.7	23.7	19.8	18.5	24.1	21.6	19.4
SJB2	15	25.0	24.0	20.9	22.8	21.9	20.3	23.1	23.8	19.7
SJB2	16	31.2	22.5	23.5	25.1	21.5	20.0	27.0	22.7	21.0
SJB2	17	29.0	24.4	25.4	23.9	22.6	20.9	24.3	21.5	21.2
SJB2	18	31.8	21.9	17.0	27.2	21.2	18.2	28.5	23.9	18.9
SJB2	19	29.7	22.4	24.0	25.5	20.9	17.8	25.1	22.7	19.9
SJB2	20	25.0	25.3	20.7	23.4	23.2	18.8	23.8	24.8	20.2
Mean SJB1		30.6	23.8	22.8	25.0	21.5	20.4	26.9	23.0	22.1
St.Dev. SJB1		1.7	2.7	2.7	1.9	1.5	1.5	1.7	1.6	2.0
Mean SJB2		30.0	23.7	21.9	24.4	22.7	20.2	26.1	23.9	20.5
St.Dev. SJB2		2.6	1.5	1.9	1.9	3.1	1.6	1.9	3.0	0.9
Mean SJB1+2		30.3	23.7	22.4	24.7	22.1	20.3	26.5	23.5	21.3
St.Dev. SJB1+2		2.2	2.2	2.3	1.9	2.5	1.5	1.8	2.4	1.7

#200700165

- Lettony

Complete Data Set: Lettony, Tropicana, Bergam's Green

SJB1
SJB2San Juan Bautista, California, REP 1
San Juan Bautista, California, REP 2sowing: 08/31/06
idemtransplant: 10/04/06
idemevaluation: 11/29/06
idem

Trial	Plt#	Core Height (mm)			Core Diameter (mm)		
		Lettony	Tropicana	Bergams Green	Lettony	Tropicana	Bergams Green
SJB1	1	45.5	37.3	39.9	28.0	18.7	24.1
SJB1	2	41.6	35.1	26.3	31.2	24.8	17.1
SJB1	3	43.2	21.9	30.2	30.0	19.5	19.7
SJB1	4	41.7	28.4	31.9	28.2	19.6	24.2
SJB1	5	44.8	30.9	26.3	25.8	19.3	19.2
SJB1	6	41.0	30.0	24.5	29.4	21.8	26.1
SJB1	7	43.5	38.9	34.1	30.8	22.3	23.8
SJB1	8	39.3	28.0	25.3	27.2	19.7	24.4
SJB1	9	51.8	33.9	23.7	30.5	19.8	21.2
SJB1	10	40.8	31.1	34.1	27.8	22.9	26.2
SJB1	11	42.0	25.2	28.1	31.4	26.1	27.6
SJB1	12	44.7	25.9	32.8	27.7	22.8	24.1
SJB1	13	41.5	34.0	30.6	27.1	21.3	20.8
SJB1	14	43.9	26.1	31.5	26.2	27.4	23.8
SJB1	15	42.7	34.0	22.8	28.0	27.3	23.1
SJB1	16	49.2	42.1	41.3	30.5	19.6	24.2
SJB1	17	40.2	37.4	39.7	29.4	19.6	21.3
SJB1	18	41.5	26.1	31.4	24.4	27.3	26.2
SJB1	19	45.4	43.4	34.5	26.5	19.8	19.8
SJB1	20	42.2	32.6	44.7	26.7	20.4	20.1
SJB2	1	42.0	30.0	37.8	27.8	19.4	19.3
SJB2	2	40.7	33.1	32.1	30.2	23.3	19.7
SJB2	3	43.2	32.1	33.8	26.3	18.2	20.0
SJB2	4	44.5	29.3	27.8	27.8	20.4	22.1
SJB2	5	50.5	47.4	28.1	31.0	24.5	27.2
SJB2	6	46.4	37.3	34.1	30.9	24.3	20.2
SJB2	7	47.0	27.6	33.2	29.4	21.8	20.8
SJB2	8	38.9	29.9	31.2	27.2	23.1	20.0
SJB2	9	44.6	32.0	33.9	29.9	20.8	22.8
SJB2	10	48.9	31.9	29.8	31.1	28.1	22.1
SJB2	11	38.5	38.7	34.5	26.0	22.1	21.2
SJB2	12	45.0	37.6	28.7	28.0	21.2	24.3
SJB2	13	49.5	42.4	41.3	29.4	22.3	19.4
SJB2	14	39.8	32.1	30.8	25.2	22.5	19.4
SJB2	15	39.9	31.4	31.3	28.6	17.5	24.2
SJB2	16	46.2	30.0	32.2	30.2	20.6	21.6
SJB2	17	41.5	36.8	37.4	28.7	25.1	21.5
SJB2	18	47.0	35.2	32.1	30.9	19.6	18.0
SJB2	19	38.0	33.1	38.8	30.8	21.6	21.0
SJB2	20	34.5	37.5	24.1	25.8	19.4	19.2

Mean SJB1	43.3	32.1	31.7	28.3	22.0	22.9
St.Dev. SJB1	3.0	5.8	6.2	2.0	3.0	2.8
Mean SJB2	43.3	34.3	32.7	28.8	21.8	21.2
St.Dev. SJB2	4.3	4.9	4.1	1.9	2.5	2.2
Mean SJB1+2	43.3	33.2	32.2	28.6	21.9	22.0
St.Dev. SJB1+2	3.7	5.4	5.2	1.9	2.7	2.6

- Lettony

Statistical analysis: Lettony vs Tropicana

SJB1 San Juan Bautista, California, REP 1 sowing: 08/31/06 transplant: 10/04/06 evaluation: 11/29/06
 n = 20, F(.05) = 3.97, F(.01) = 6.98
 SJB2 San Juan Bautista, California, REP 2 idem idem idem
 idem

Trial:	SJB 1		SJB 2	
	Lettony	Tropicana	Lettony	Tropicana
<u>Spread of Frame Leaves (cm):</u>				
Mean	54.3	45.0	54.3	44.9
Std Dev.	3.3	2.7	3.4	2.4
ANOVA (F calc.):	Rep = 0.001			
	Var = 198.9 **			
	Rep x Var = 0.002			
<u>Weight (grams):</u>				
Mean	560.2	307.7	548.0	334.3
Std Dev.	74.6	71.5	100.1	47.9
ANOVA (F calc.):	Rep = 0.18			
	Var = 189.0 **			
	Rep x Var = 1.31			
<u>Plant Diameter (cm):</u>				
Mean	43.6	37.4	41.7	37.1
Std Dev.	3.9	3.2	2.9	2.7
ANOVA (F calc.):	Rep = 2.13			
	Var = 57.2 **			
	Rep x Var = 1.32			
<u>Plant Height (cm):</u>				
Mean	30.6	23.8	30.0	23.7
Std Dev.	1.7	2.7	2.6	1.5
ANOVA (F calc.):	Rep = 0.62			
	Var = 179.9 **			
	Rep x Var = 0.29			
<u>Width Leaf (cm):</u>				
Mean	25.0	21.5	24.4	22.7
Std Dev.	1.9	1.5	1.9	3.1
ANOVA (F calc.):	Rep = 0.52			
	Var = 28.9 **			
	Rep x Var = 3.46			
<u>Length Leaf (cm):</u>				
Mean	26.9	23.0	26.1	23.9
Std Dev.	1.7	1.6	1.9	3.0
ANOVA (F calc.):	Rep = 0.03			
	Var = 40.3 **			
	Rep x Var = 3.19			
<u>Core Height (mm):</u>				
Mean	43.3	32.1	43.3	34.3
Std Dev.	3.0	5.8	4.3	4.9
ANOVA (F calc.):	Rep = 1.09			
	Var = 95.8 **			
	Rep x Var = 1.08			
<u>Core Diameter (mm):</u>				
Mean	28.3	22.0	28.8	21.8
Std Dev.	2.0	3.0	1.9	2.5
ANOVA (F calc.):	Rep = 0.04			
	Var = 154.0 **			
	Rep x Var = 0.35			

* = significant different at .05 prob level, ** = significant different at .01 prob level

- Lettony

Statistical analysis: Lettony vs Bergam's Green

SJB1 San Juan Bautista, California, REP 1 sowing: 08/31/06 transplant: 10/04/06 evaluation: 11/29/06
 n = 20, F(.05) = 3.97, F(.01) = 6.98
 SJB2 San Juan Bautista, California, REP 2 idem idem idem
 idem

Trial:		SJB 1		SJB 2	
		Lettony	Bergams Green	Lettony	Bergams Green
<u>Spread of Frame Leaves (cm):</u>					
Mean		54.3	42.1	54.3	41.0
Std Dev.		3.3	2.0	3.4	2.2
ANOVA (F calc.):	Rep = 0.75				
	Var = 415.6 **				
	Rep x Var = 0.90				
<u>Weight (grams):</u>					
Mean		560.2	293.8	548.0	294.4
Std Dev.		74.6	55.6	100.1	47.1
ANOVA (F calc.):	Rep = 0.13				
	Var = 258.7 **				
	Rep x Var = 0.16				
<u>Plant Diameter (cm):</u>					
Mean		43.6	36.1	41.7	35.1
Std Dev.		3.9	3.1	2.9	1.8
ANOVA (F calc.):	Rep = 4.47 *				
	Var = 110.1 **				
	Rep x Var = 0.42				
<u>Plant Height (cm):</u>					
Mean		30.6	22.8	30.0	21.9
Std Dev.		1.7	2.7	2.6	1.9
ANOVA (F calc.):	Rep = 2.32				
	Var = 245.7 **				
	Rep x Var = 0.05				
<u>Width Leaf (cm):</u>					
Mean		25.0	20.4	24.4	20.2
Std Dev.		1.9	1.5	1.9	1.6
ANOVA (F calc.):	Rep = 0.95				
	Var = 130.6 **				
	Rep x Var = 0.22				
<u>Length Leaf (cm):</u>					
Mean		26.9	22.1	26.1	20.5
Std Dev.		1.7	2.0	1.9	0.9
ANOVA (F calc.):	Rep = 9.72 **				
	Var = 190.0 **				
	Rep x Var = 1.15				
<u>Core Height (mm):</u>					
Mean		43.3	31.7	43.3	32.7
Std Dev.		3.0	6.2	4.3	4.1
ANOVA (F calc.):	Rep = 0.23				
	Var = 120.3 **				
	Rep x Var = 0.22				
<u>Core Diameter (mm):</u>					
Mean		28.3	22.9	28.8	21.2
Std Dev.		2.0	2.8	1.9	2.2
ANOVA (F calc.):	Rep = 1.50				
	Var = 168.9 **				
	Rep x Var = 4.25				

* = significant different at .05 prob level, ** = significant different at .01 prob level

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

1. NAME OF APPLICANT(S) ENZA ZADEN BEHEER B.V.	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER E15.0145	3. VARIETY NAME LETTY
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) P.O. Box 7, 1600 AA ENKHUIZEN HALING 1E, 1602 DB ENKHUIZEN NETHERLANDS	5. TELEPHONE (Include area code) +31.228.315.844	6. FAX (Include area code) +31.228.315.854
7. PVPO NUMBER #200700165		

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain.



YES



NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country.



YES



NO

NETHERLANDS

10. Is the applicant the original owner?



YES



NO

If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?



YES



NO

If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?



YES



NO

If no, give name of country

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT F
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S) <i>ENZA ZADEN BEHEER B.V.</i>	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country) <i>P.O. Box 7, 1600 AA ENKHUIZEN HALING 1E, 1602 DB ENKHUIZEN THE NETHERLANDS</i>	TEMPORARY OR EXPERIMENTAL DESIGNATION <i>E15.0145</i> VARIETY NAME <i>LETTY</i>
NAME OF OWNER REPRESENTATIVE (S) <i>AERNOUDT AARDSE ENZA ZADEN RESEARCH USA, INC</i>	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country) <i>P.O. Box 866 SAN JUAN BAUTISTA, CA 95045</i>	FOR OFFICIAL USE ONLY PVPO NUMBER <i>#200700165</i>

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Signature

Date

02/26/2007